



Office of Research and Development
National Health and Environmental Effects Research Laboratory
Mid-Continent Ecology Division (MED)

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National Health and Environmental Effects Research Laboratory
Mid-Continent Ecology Division - Duluth
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(revised 01/07/02)

EDUCATION

<u>Degree</u>	<u>Year</u>	<u>Major</u>	<u>Institution</u>
B.S.	1998	Water Resources	University of Wisconsin - Stevens Point
B.S.	1998	Soil Resources	University of Wisconsin - Stevens Point

EXPERIENCE

Physical Scientist

<u>Dates</u>	<u>Employer</u>
04/99 - Present	U.S. Environmental Protection Agency 6201 Congdon Blvd. Duluth, MN

Brief Description of Position: Provide analytical chemistry support for the Watershed Sustainability and Diagnostics Team and PRIMENet project. Duties include collection and analyses of sediment, vegetation and water collected from field sites including, but not limited to solids determinations, TOC/DOC, color, phosphate and nitrogen determinations, SOD analysis, preparation of all sampling supplies and equipment, data entry into logbooks and computer spreadsheets, analysis of results, maintaining quality assurance standards and samples.

Extraction Analyst

<u>Dates</u>	<u>Employer</u>
09/98 - 04/99	Maxim Technologies, Inc. Wausau, WI

Brief Description of Position: Duties included log in and tracking of samples, DRO and PAH extractions on soil and water samples, DRO analysis by gas chromatography, general GC maintenance, development of oil and grease (Method 1664) for certification, soil dry weight generating clientele reports, writing and reviewing standard operating procedures, and assuring quality control standards on analyses.

Physical Scientist

Dates

05/97 - 08/97

05/98 - 08/98

Employer

U.S. Environmental Protection Agency

Environmental Research Laboratory

Duluth, MN

Brief Description of Position: Provided analytical support for the Watershed Sustainability and Diagnostics Team. Duties included: collection analyses of water collected from field sites including TSS and VSS, TOC and DOC, phosphate determinations, atomic adsorption, color, preparation of all supplies and equipment for field sampling, data entry into logbooks and computer spreadsheets, analysis of results, maintaining quality assurance standards and samples.

Project Assistant

Dates

01/98 - 05/98

Employer

Central Wisconsin Groundwater Center

University of Wisconsin - Stevens Point

Brief Description of Position: Created a GIS base map for Waupaca Well field study.

Lab Assistant

Dates

Academic years

1995 - 1998

Summer 199

Employer

Environmental Task Force Lab

University of Wisconsin - Stevens Point

Brief Description of Position: Provided analytical support by atomic absorption, colorimetric titration, ICP and Lachat, made up standards and reagents, sampling for sediment, water quality and biomass.

Office Assistant/Recycling Coordinator

Dates

Academic years

1992 - 1998

Employer

JL Accounting Systems

Racine, WI

Brief Description of Position: Handling and disposal of recyclables, data entry and manipulation, typing, filing, answering telephones, running copy machines and faxes, and other odd jobs.

Faculty/Dorm Assistant

Dates

Employer

Summer 1995

Treehaven Summer Camp
University of Wisconsin - Stevens Point
Tomahawk, WI

Brief Description of Position: Maintained, checked out and returned field equipment, helped students with their class work, and professors aid. Also planned and lead weekend activities for students and mediated disputes.

Lifeguard/Aquatics Director

Dates

Employer

Summers 1991 - 1994

Jellystone Camp Resort
Caledonia, WI

Brief Description of Position: Provided rescue and first aid, enforced safety measures, performed routine pool care, oversaw eight attendants, dealt with costumer complaints, and worked cash register.

PROFESSIONAL SOCIETIES

Association for Women in Science

PUBLICATIONS

None to date

ORAL PRESENTATIONS

Jicha, T.M., C.M. Elonen, L.E. Anderson, and N.E. Detenbeck. 2002. Microbial activity: An indicator of watershed impacts on riverine coastal wetlands of Lake Michigan. Meeting of the International Association of Great Lakes Research, Winnipeg, Manitoba, Canada, June 2-6.

Detenbeck, N.E., C.M. Elonen, L.E. Anderson, T.M. Jicha, D.L. Taylor, and S.L. Batterman. 2001. Field tests of geographically-dependent vs. threshold-based watershed classification schemes in the Great Lakes basin. IAGLR Conference, Green Bay, WI, June 10-14.

Jicha, T.M., N.E. Detenbeck, M.F. Moffett, C.M. Elonen, and L.E. Anderson. 2001. Development of the nutrient exposure and biological response indicators for Lake Michigan coastal wetlands. IAGLR Conference, Green Bay, WI, June 10-14.

Detenbeck, N.E., C.M. Elonen, L.E. Anderson, T.M. Jicha, D.L. Taylor, and S.L. Batterman. 2001. Field tests of geographically-dependent vs. threshold-based watershed classification schemes in the Great Lakes basin. North American Benthological Society Meeting, LaCrosse, WI, June 3-8.